Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Sunday 27 Feb 2022 until 23:59 on Monday 28 Feb 2022

Forecast Issued on Saturday 26 Feb 2022 at 14:45

Confidence: High for fair Sunday, poor conditions dominating Monday, and then fair again Tuesday. However low for detail of the worst weather on Monday, then the developments from Wednesday.

Headline for Sunday 27 Feb 2022: Dry. Prolonged sunshine. Wind chill at height. Freezing level lifting later.

Mountain weather hazards on Sunday 27 Feb 2022

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
Low Likelihood

Poor visibility
No Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Clear night	Clear night	Sunny	Sunny	Sunny	Sunny	Clear night	Cloudy
Precipitation probability							
00%	00%	00%	00%	00%	00%	00%	00%

Forecast for Sunday 27 Feb 2022

Weather: A dry night then day with largely clear skies leading to prolonged periods of sunshine. Higher cloud feeding from the west during the evening, but remaining dry.

Chance of cloud-free hill tops above 600m: Near 100% by day.

Low cloud and visibility: Good or very good.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Forecast for Sunday 27 Feb 2022

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	28/42 S	26/39 S	21/32 S	20/29 SE	21/30 S	21/32 S	21/33 S	24/37 S	25/38 S
300	20/33 S	20/33 S	17/28 S	16/26 SE	17/27 S	17/28 S	15/27 S	18/31 S	16/28 S
Valley	13/30 SE	12/28 SE	10/23 SE	11/22 SE	12/24 S	13/26 S	11/25 SE	13/28 S	11/26 S

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	0/-7	-0/-8	-1/-8	-1/-8	2/-4	4/-2	3/-3	2/-5	2/-5
300	2/-4	2/-4	1/-5	2/-4	5/0	7/2	5/1	4/-2	4/-2
Valley	3/-2	2/-2	1/-3	2/-2	6/3	8/4	6/2	4/0	4/0
Freezing Level*	500m	400m	400m	400m	600m	800m	900m	1100m	1300m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Nothing to add.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Sat 26 Feb 2022	2.8mm	11mm	19.8mm

Forecast for Monday 28 Feb 2022

Weather: Cloudy through much of the day with occasional rain, perhaps turning heavy at times, particularly during the afternoon. However also some chance of drier, potentially brighter, interludes. Cloud and rain clearing from the west from late evening.

Maximum wind: South or southwest mean 20-25mph with gusts 35mph, decreasing gradually from mid-day.

Chance of cloud-free hill tops above 600m: 20% by day.

Low cloud and visibility: Moderate or poor in rain, very poor in snow, only a few meters in cloud with bases quite extensive from 450-600m by day.

Temperature: **Valleys:** Plus 2 Celsius increasing 12 Celsius during the afternoon
At 600m: Plus 2 Celsius increasing 5 Celsius for a time
Freezing level: 1000m increasing 1500m for a time

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